


TEREZ PA/ABS Blend 2010/2

(PA6+ABS)

Ter Plastics

Product Texts

High impact PA/ABS blend with reduced moisture absorption and improved flowability
 For increased requirements of impact strength and low-temperature impact strength. For injection molded parts

Rheological properties	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	20	g/10min	ISO 1133
MFI temperature	260	°C	ISO 1133
MFI load	5	kg	ISO 1133
Mechanical properties			
ISO Data			
Tensile Modulus	1800	MPa	ISO 527-1/-2
Tensile Strength	42	MPa	ISO 527-1/-2
Yield strain	2.5	%	ISO 527-1/-2
Strain at break	100	%	ISO 527-1/-2
Charpy impact strength (+23°C)	N	kJ/m ²	ISO 179/1eU
Charpy notched impact strength (+23°C)	72	kJ/m ²	ISO 179/1eA
Charpy notched impact strength, -30°C	25	kJ/m ²	ISO 179/1eA
Thermal properties			
ISO Data			
Temp. of deflection under load (1.80 MPa)	65	°C	ISO 75-1/-2
Temp. of deflection under load (0.45 MPa)	85	°C	ISO 75-1/-2
Vicat softening temperature, 50°C/h 50N	100	°C	ISO 306
Burning behav. at 1.5 mm nom. thickn.	HB	class	IEC 60695-11-10
Thickness tested	1.6	mm	IEC 60695-11-10
Other properties			
ISO Data			
Water absorption	5	%	Sim. to ISO 62
Humidity absorption	1.5	%	Sim. to ISO 62
Density	1070	kg/m ³	ISO 1183